

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060953.D
 Acq On : 5 Mar 2019 17:17
 Operator : VA/AP
 Sample : K1714-16
 Misc : 6.20g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-0-2

Quant Time: Mar 06 04:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

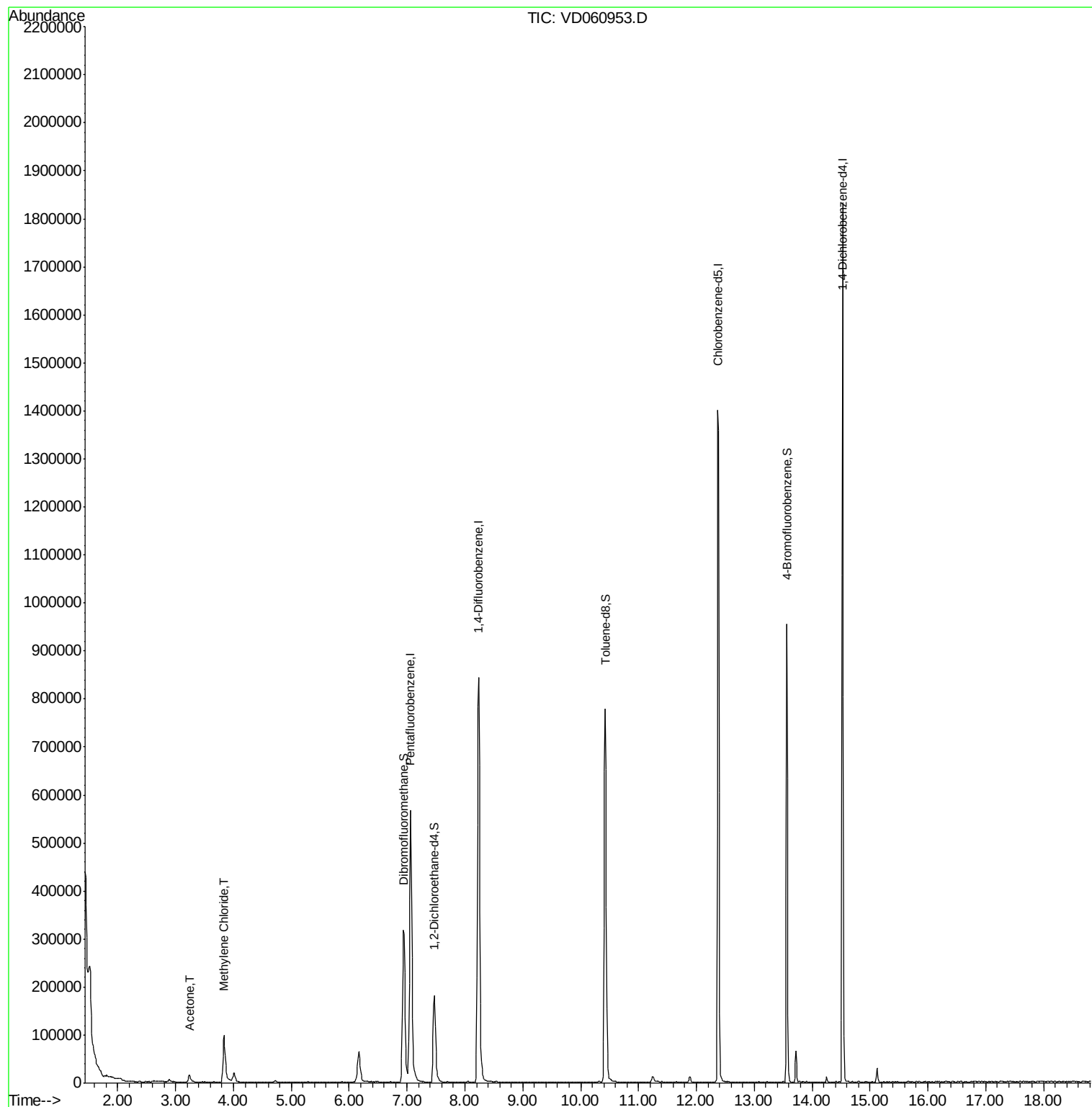
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	580188	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1070164	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	923757	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	405427	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	184577	38.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.96%	
35) Dibromofluoromethane	6.94	113	315844	36.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.62%	
50) Toluene-d8	10.42	98	714279	33.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.92%	
62) 4-Bromofluorobenzene	13.56	95	294267	36.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
16) Acetone	3.24	43	28125	17.562	ug/l	94
20) Methylene Chloride	3.84	84	74407	6.641	ug/l	97

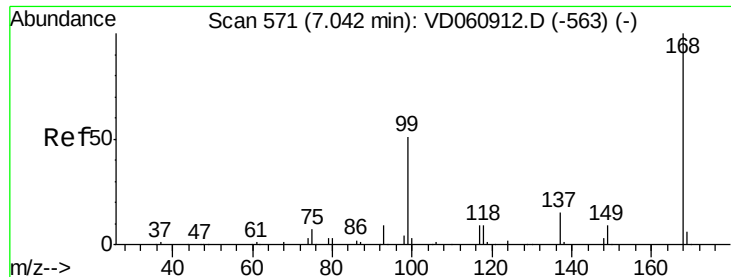
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

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MSVOA_D

ClientSampleId :

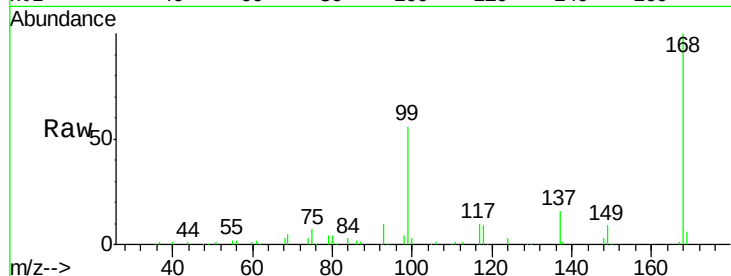
SB-D-0-2

Tot Ion:168 Resp: 580188

Ion Ratio Lower Upper

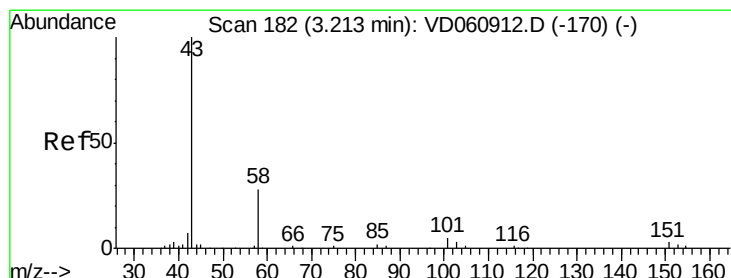
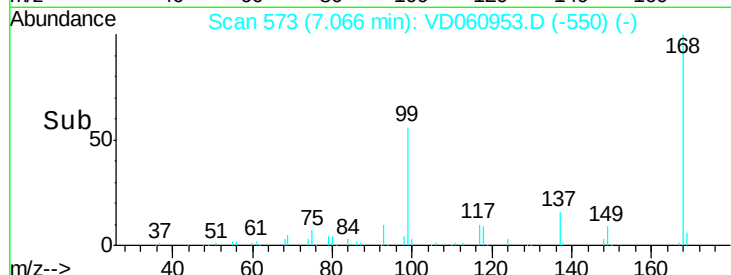
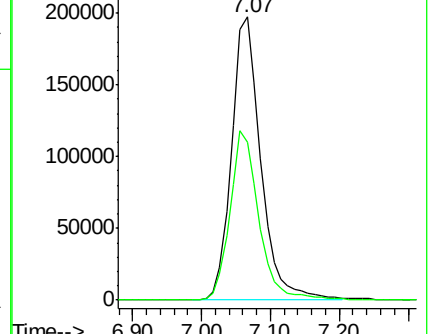
168 100

99 56.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 17.562 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060953.D

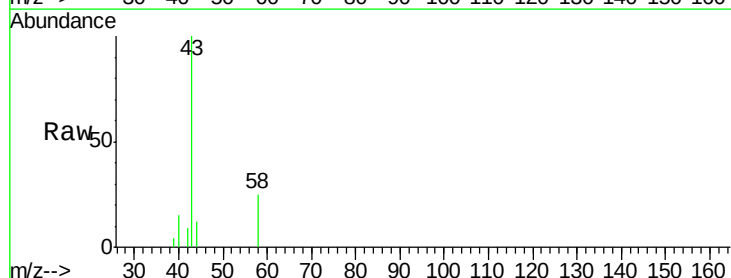
Acq: 5 Mar 2019 17:17

Tgt Ion: 43 Resp: 28125

Ion Ratio Lower Upper

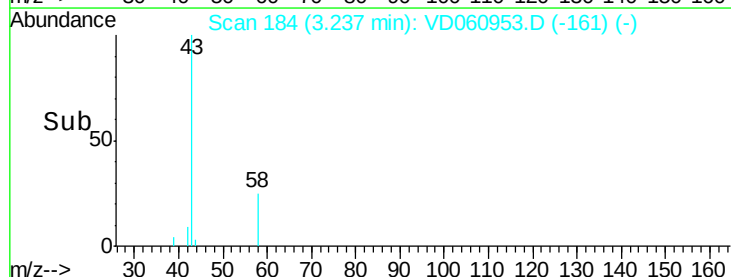
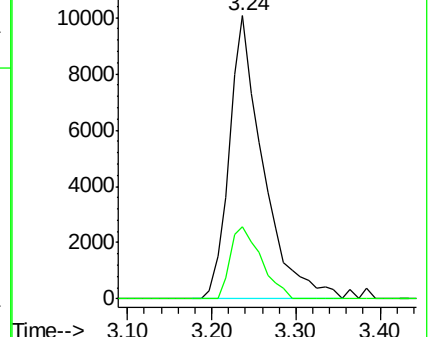
43 100

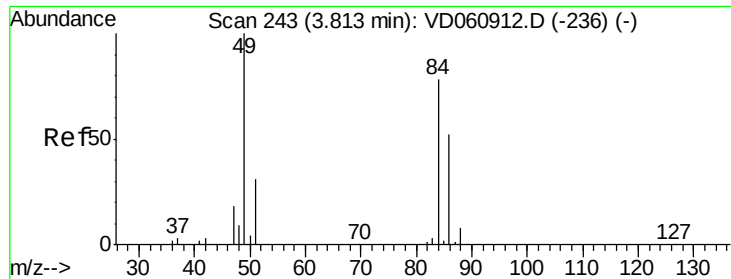
58 25.3 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

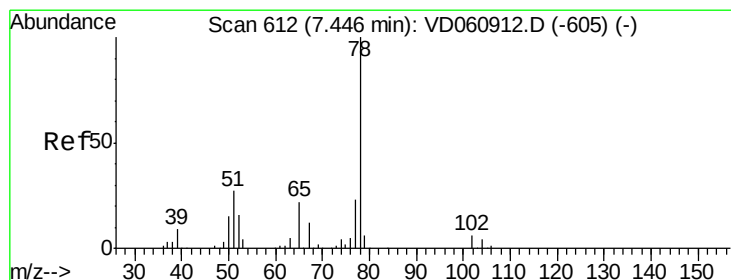
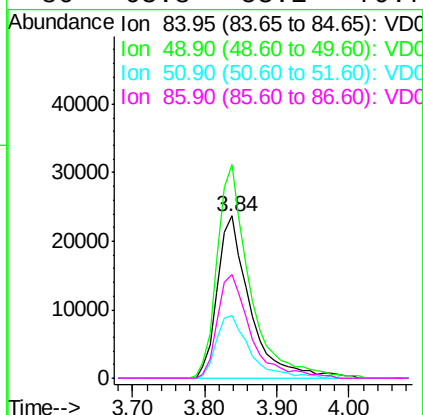
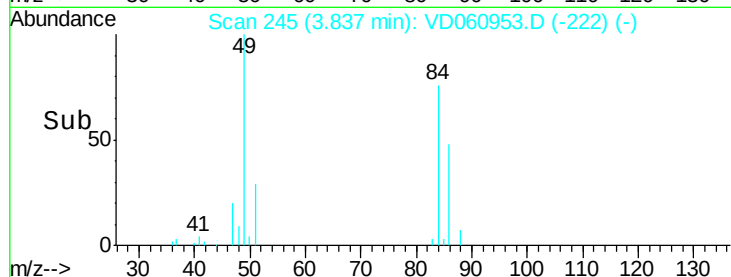
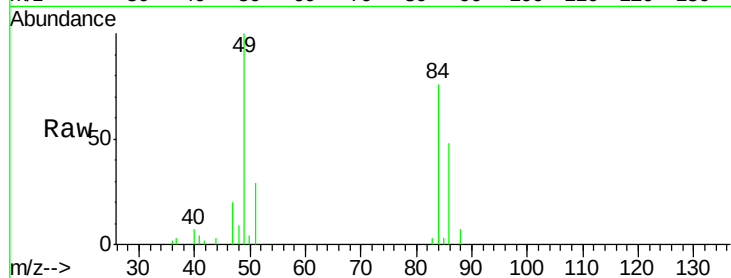




#20
Methylene Chloride
Concen: 6.641 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

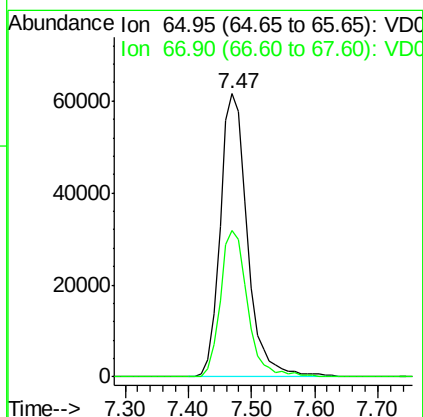
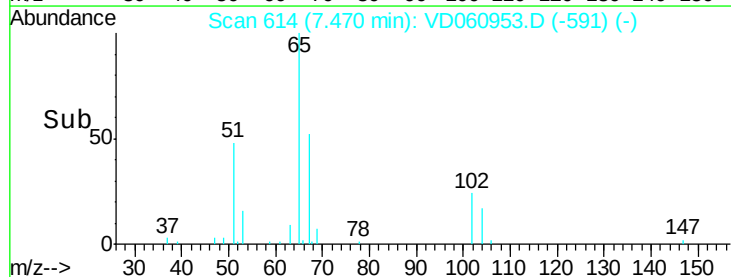
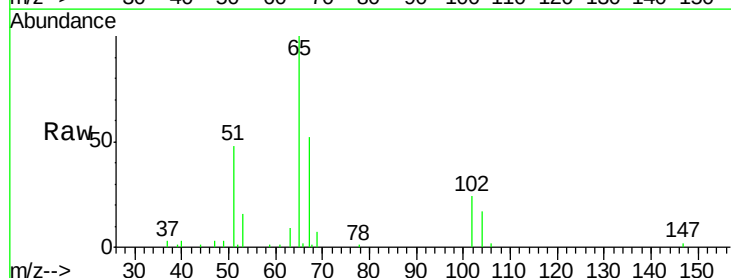
Instrument :
MSVOA_D
ClientSampleId :
SB-D-0-2

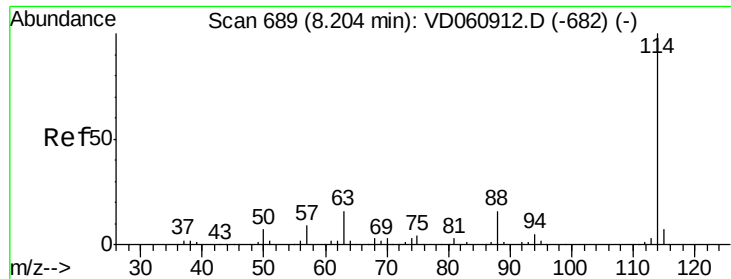
Tot Ion: 84 Resp: 74407
Ion Ratio Lower Upper
84 100
49 131.7 102.4 153.6
51 38.6 31.9 47.9
86 63.8 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Tgt Ion: 65 Resp: 184577
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-D-0-2

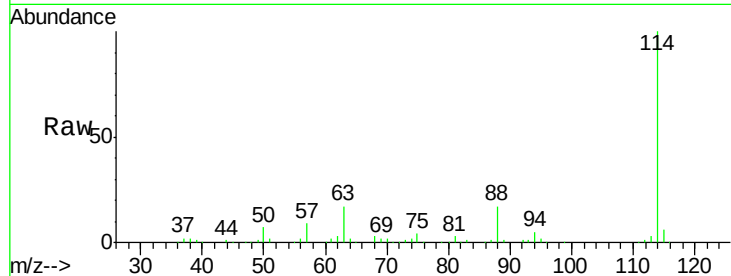
Tot Ion:114 Resp: 1070164

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.0

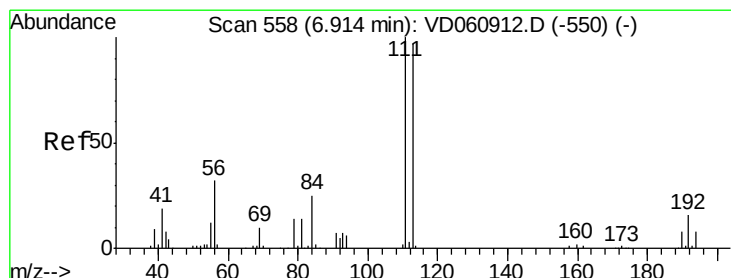
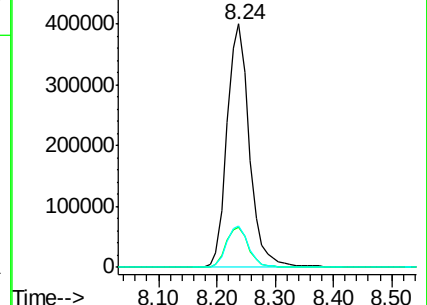
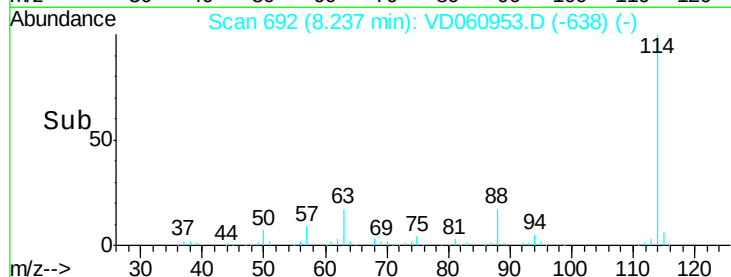
88 16.8 0.0 32.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD060953.D

Acq: 5 Mar 2019 17:17

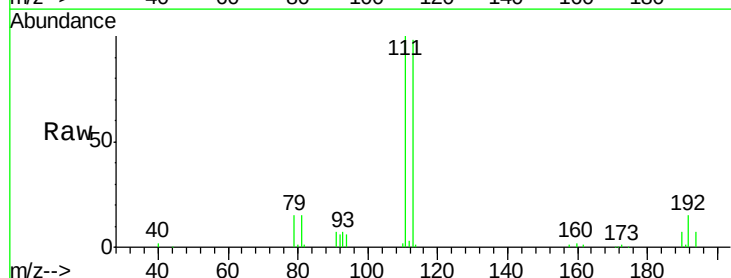
Tgt Ion:113 Resp: 315844

Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

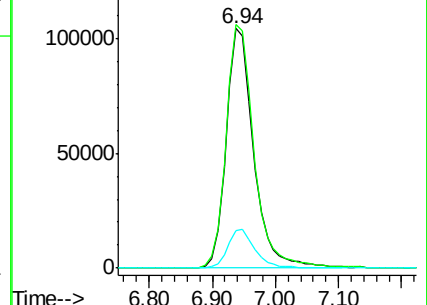
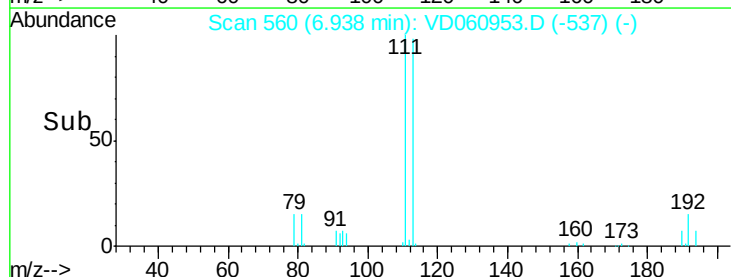
192 15.7 13.4 20.2

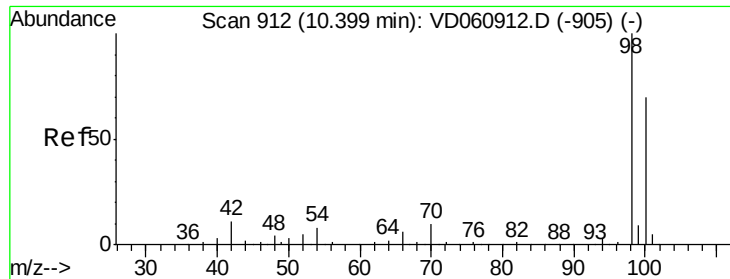


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

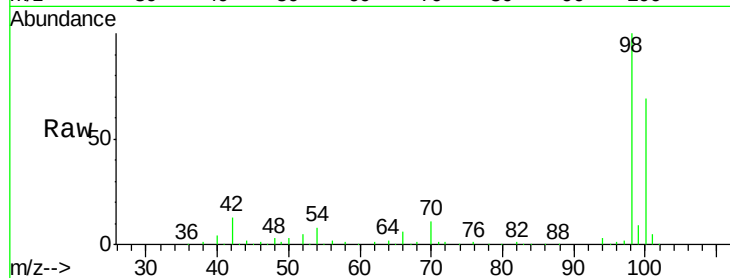




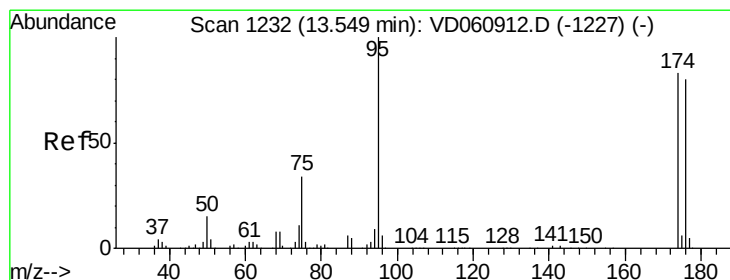
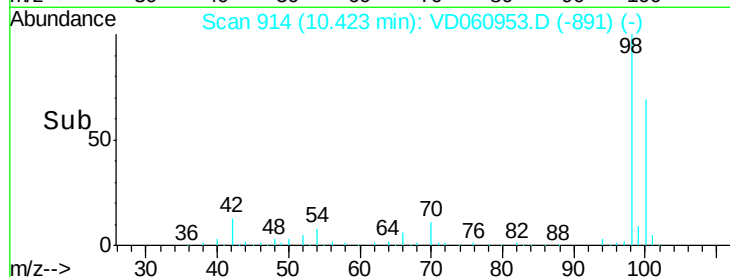
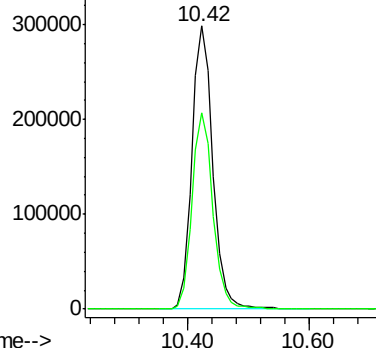
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-D-0-2

Tot Ion: 98 Resp: 714279
Ion Ratio Lower Upper
98 100
100 69.2 57.0 85.4

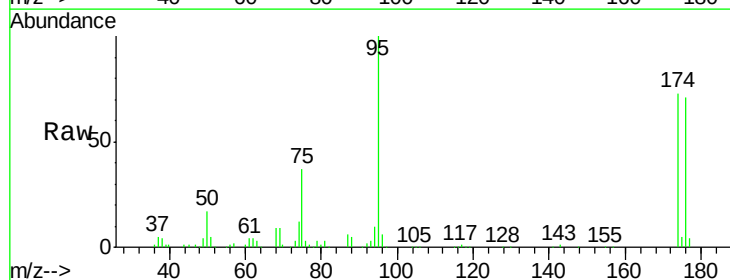


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

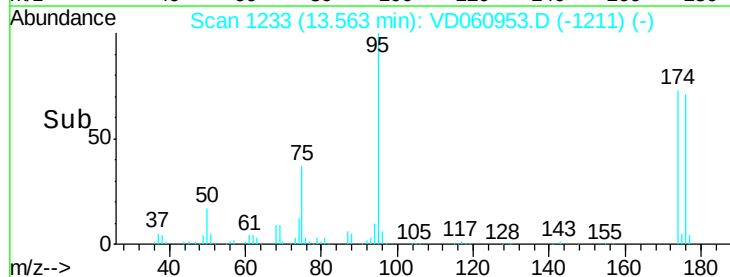
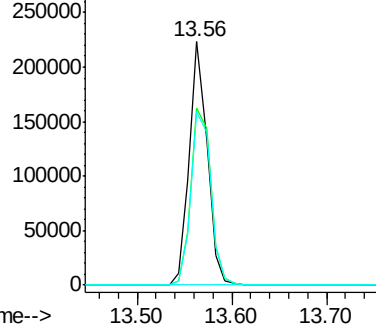


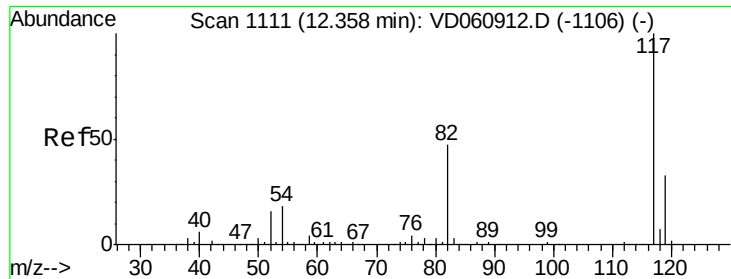
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060953.D
Acq: 5 Mar 2019 17:17

Tgt Ion: 95 Resp: 294267
Ion Ratio Lower Upper
95 100
174 72.7 0.0 165.6
176 71.0 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

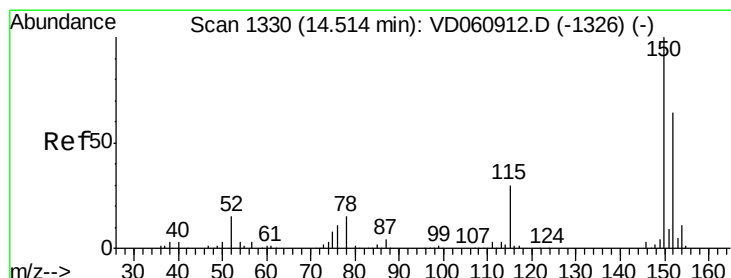
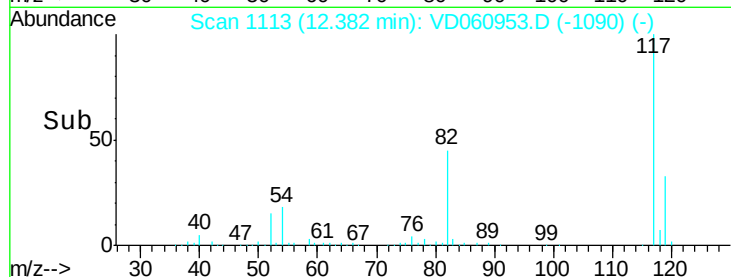
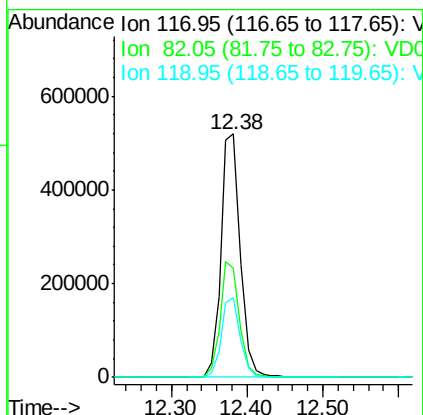
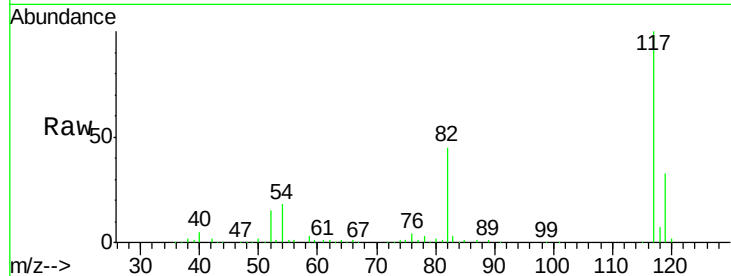




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-0-2

Tot Ion:117 Resp: 923757
 Ion Ratio Lower Upper
 117 100
 82 44.8 37.5 56.3
 119 32.9 26.2 39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD060953.D
 Acq: 5 Mar 2019 17:17

Tgt Ion:152 Resp: 405427
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.6 82.8
 150 159.2 0.0 312.8

